

# INTERNATIONAL SEARCH REPORT

Int. application No  
PCT/EP 03/04499

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01V1/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 84 03153 A (KONGSBERG VAPENFAB AS) 16 August 1984 (1984-08-16) page 2, paragraph 5 page 3, paragraphs 3,4 page 6, paragraph 4 page 7, paragraphs 2,4 page 8, paragraphs 1-3 page 9, paragraph 5 figures 1,2	1-30, 35-38
Y		31-34, 39-42
X	GB 2 089 043 A (CHEVRON RES) 16 June 1982 (1982-06-16) page 1, line 73 - line 98 page 2, line 11 - line 62 claim 1; figure 1	1-30

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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Date of the actual completion of the international search

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	COURT I.N.: "Applications of accoustics to source-array and streamer tow-point positioning" GEOPHYSICS, SOCIETY OF EXPLORATION GEOPHYSICISTS, vol. 56, no. 4, 1 April 1991 (1991-04-01), pages 558-564, XP002268338 page 559, right-hand column; figure 1 page 561	31-34, 39-42
X	US 4 187 492 A (DEIGNIERES ROBERT) 5 February 1980 (1980-02-05) column 2, line 19 column 2, line 50 - line 59 column 3, line 24 - line 28 claim 1; figure 1	1,19
X	US 4 376 301 A (ROBERTS F ALEX) 8 March 1983 (1983-03-08) column 2, line 59 -column 3, line 30 figure 1	1,19
A	US 4 641 287 A (NEELEY WALTER P) 3 February 1987 (1987-02-03) column 1, line 59 -column 2, line 62 column 3, line 20 - line 25 figure 1	39-42
A	FR 2 620 536 A (GEOPHYSIQUE CIE GLE) 17 March 1989 (1989-03-17) page 5, line 29 -page 7, line 3 page 7, line 23 - line 29 figures 1A,1B	1-42
A	US 4 669 067 A (ROBERTS F ALEX) 26 May 1987 (1987-05-26) column 2, line 65 -column 3, line 36 column 4, line 15 -column 5, line 23	1-42

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